NAI48-ES

Network Audio Interface

NAI48-ES

Rear Panel

1U

Connect Yamaha digital mixing consoles or DME processors to remote head amps or AD/DA converters via EtherSound for analog interfacing wherever needed.

- Transfer up to 48 channels of digital audio between console and stage or any other location via a single CAT5e Ethernet cable at sampling rates up to 96 kHz.
- Eliminates noise problems that are unavoidable with conventional analog gear and multi-cable type setups, and dramatically reduces analog cable length for superior sound quality.
- 48 AES/EBU inputs and 48 AES/EBU outputs are provided via 25-pin D-sub connectors.
- Designed with Yamaha professional sound gear in mind: minimum setup hassle, trouble-free operation.
- An external power supply can be used in addition to the internal power supply for redundant failsafe operation.
- Use standard Ethernet hubs and routers to create any network configuration you need.

GENERAL SPECIFICATIONS

Sampling frequency	Normal rate: 42.9975 to 49.200kHz Double rate: 85.995 to 98.400kHz
Maximum I/O channel count	48 IN/48 OUT (44.1/48kHz), 32 IN/32 OUT (88.2/96kHz)
Phantom Power	+48V
Power requirements	AC100-240V 50/60Hz, and/or DC12V
Power consumption	12W
Dimensions (W x H x D)	480 x 44 x 150mm (18.9" x 1.73" x 5.9"), 1U
Weight	2.6kg (5.73lbs)

DIGITAL I/O SPECIFICATIONS

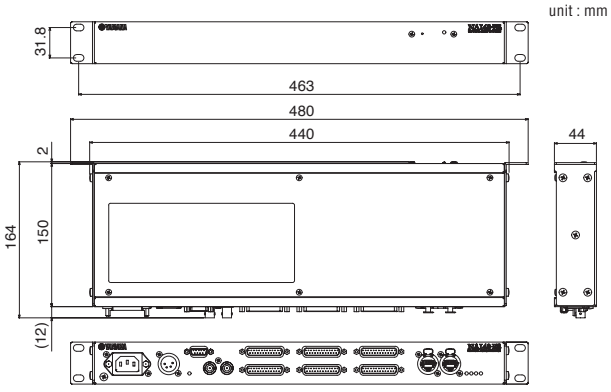
Terminal		Format	Level	Connector
AES/EBU 1-6	IN OUT	AES/EBU	RS422	D-sub 25pin
EtherSound™	IN OUT	EtherSound	100Base-TX	RJ-45

CONTROL I/O SPECIFICATIONS

Terminal		Level	Connector
WORD CLOCK	IN OUT	TTL/75Ω	BNC Connector
HA REMOTE		RS422	D-Sub Connector 9P (Male)

DIMENSIONS

unit : mm



SYSTEM EXAMPLE

Live SR application using digital audio and AD8HR stagebox solution.